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L1	15	"1028310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 09:21
L2	0	wo01028310	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 09:21
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L5	0	"WO01028310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 09:24
L6	113	rofougaran.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 09:24
L7	68	rofougaran.in. and transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 09:26
L8	2	"6151312".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 09:26

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S15	1	"10/396118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/03 12:13
S16	0	"10652674"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/03 12:13
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S19	38	QAM with ((amplitude or gain) near (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/03 12:13
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 IQ Phase and IQ **Amplitude Imbalance** Adjustments for OFDM Direct Conversion
 Transmitters, Edmund...
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KEARNEY, Kenneth, P. / KAZAKEVICH, Leonid / AXNESS, Timothy, A. / NOLAN, James / INTERDIGITAL TECHNOLOGY CORPORATION, PATENT COOPERATION TREATY APPLICATION, Jul 2003
 ...COMMUNICATION **TRANSCEIVER** IMPAIRMENT...modulation (QAM) and quadrature...signal: a) **Amplitude imbalance** b) **Phase imbalance** c) Phase...impairments include **amplitude imbalance**, **phase imbalance**, phase jitter...defined for **amplitude imbalance** model parameters...0037] **Phase**

 Refine your
 using the
 found in t
 phase noise
 Or refine
 All of the

Refine

imbalance is a condition...

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☐ 6. AN ADAPTIVE RADIO TRANSCEIVER

ROFOUGARAN, Ahmadreza / ROFOUGARAN, Maryam / PAN, Meng-An / CHIEN, Hung-Ming / KHORRAM, Shahla / COLLERAN, William, T. / RAEL, Jacob / (...) / WU, Stephen, PATENT COOPERATION TREATY APPLICATION, Apr 2001

AN ADAPTIVE RADIO **TRANSCEIVER** FIELD OF THE INVENTION The present invention...telecommunication systems, and in particular, to radio **transceiver** systems and techniques. BACKGROUND OF THE INVENTION **Transceivers** are used in wireless communications to transmit...

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...synthesizers, modulators, RF circuits, **transceiver** architectures, variable gain amplifiers...station environment to integrate the whole **transceiver** circuitry into one chip. Therefore...than on the complete integration of the **transceiver** circuitry. The common RF building blocks...

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EVANS, Allan / HUNTER, April, J. / VANBLARICOM, Charles / WILLIAMS, Joel / SHOHARA, Aki / STANFORD TELECOMMUNICATIONS, INC., PATENT COOPERATION TREATY APPLICATION, Aug 1997

...root-raised cosine filtering, with QPSK or alternately 16 **QAM** or 64 **QAM** modulation, using concatenated forward error correction...root raised cosine filtering, with QPSK or alternately 16 **QAM** modulation, using forward error correction of a (75, 53...

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IEEE CNF IEEE Conference Proceeding

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IEEE STD IEEE Standard

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- ☐ 1. **Impacts of I/Q imbalance on QPSK-OFDM-QAM detection**
 Chia-Ling Liu;
[Consumer Electronics, IEEE Transactions on](#)
 Volume 44, Issue 3, Aug. 1998 Page(s):984 - 989
 Digital Object Identifier 10.1109/30.713223
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(384 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 2. **Design of an inphase and quadrature phase and amplitude imbalance compensati quadrature receivers**
 Finol, J.L.; Buchholz, M.;
[Devices, Circuits and Systems, 2004. Proceedings of the Fifth IEEE International Caracas Conference on](#)
 Volume 1, 3-5 Nov. 2004 Page(s):254 - 258
 Digital Object Identifier 10.1109/ICCDCS.2004.1393393
[AbstractPlus](#) | Full Text: [PDF\(471 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 3. **Adaptive IQ imbalance correction for OFDM systems with frequency and timing of**
 Tsui, E.; Jian Lin;
[Global Telecommunications Conference, 2004. GLOBECOM '04. IEEE](#)
 Volume 6, 29 Nov.-3 Dec. 2004 Page(s):4004 - 4010 Vol.6
 Digital Object Identifier 10.1109/GLOCOM.2004.1379119
[AbstractPlus](#) | Full Text: [PDF\(704 KB\)](#) IEEE CNF
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- ☐ 4. **Adaptive compensation for imbalance and offset losses in direct conversion trans**
 Cavers, J.K.; Liao, M.;
[Vehicular Technology Conference, 1991. 'Gateway to the Future Technology in Motion', IEEE](#)
 19-22 May 1991 Page(s):578 - 583
 Digital Object Identifier 10.1109/VETEC.1991.140557
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